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OM protein - protein search, using SW model

Run on: January 16, 2003, 16:43:32 : Search time 12.3429 seconds
(without alignments)
28.606 Million cell updates/sec

Title: US-09-856-070-21

Perfect score: 60

Sequence: 1 BELMLRLQDYEE 12

Scoring table: BLOSUM62
Gapop 10.0 : Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :
1: /cgn2_5/prodata/2/1aa/5A-OMM pep *
2: /cgn2_5/prodata/2/1aa/5A-OMM pep *
3: /cgn2_5/prodata/2/1aa/6A-OMM pep *
4: /cgn2_5/prodata/2/1aa/6A-OMM pep *
5: /cgn2_5/prodata/2/1aa/6A-OMM pep *
6: /cgn2_5/prodata/2/1aa/6A-OMM pep *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	60	100.0	586	4	US-09-040-725A-1
2	39	65.0	357	5	PCT US91-00899-14
3	39	65.0	405	1	US-07-914-281-8
4	39	65.0	405	1	US-08-393-246-8
5	39	65.0	405	1	US-08-525-058A-8
6	39	65.0	405	2	US-08-483-151-4
7	39	65.0	405	2	US-08-696-731-8
8	39	65.0	405	4	US-09-042-531-8
9	37	61.7	62	4	US-09-006-428A-6
10	37	61.7	63	4	US-09-006-428A-7
11	37	61.7	1151	3	US-08-840-006-6
12	37	61.7	1200	3	US-08-840-006-5
13	36	60.0	431	3	US-08-556-419-25
14	35	59.2	547	4	US-09-380-061A-20
15	35	59.2	548	4	US-09-380-061A-18
16	35	59.2	548	4	US-08-487-183A-16
17	35	59.2	549	1	US-08-354-240A-2
18	35	59.2	550	1	US-08-354-240A-4
19	35	59.2	550	3	US-08-867-352-23
20	35	59.2	550	3	US-08-718-425-2
21	35	59.2	550	4	US-08-718-425-5
22	35	59.2	550	4	US-08-718-425-6
23	35	59.2	550	4	US-09-380-061A-6
24	35	59.2	550	4	US-09-380-061A-31
25	35	59.2	550	4	US-08-487-183A-10
26	35	59.2	550	3	US-09-111-752-5
27	35	59.2	561	2	US-08-474-159-8

28	35.5	59.2	875	1	US-08-122-520C-9
29	35.5	59.2	1242	4	US-09-488-270A-2
30	34.5	57.5	149	4	US-09-109-100-20
31	34.5	57.5	184	4	US-08-759-628-10
32	34.5	57.5	214	6	5254534-3
33	34.5	57.5	223	1	US-07-745-382-24
34	34.5	57.5	223	1	US-07-921-848-24
35	34.5	57.5	223	1	US-08-165-301A-24
36	34.5	57.5	223	4	US-08-810-436-24
37	34.5	57.5	223	5	PCT US94-1479-24
38	34.5	57.5	225	5	PCT US94-00658-2
39	34.5	57.5	256	1	US-08-354-456A-4
40	34.5	57.5	256	1	US-07-999-280A-4
41	34.5	57.5	256	1	US-08-426-279-4
42	34.5	57.5	256	1	US-08-401-013-4
43	34.5	57.5	256	3	US-08-426-570-4
44	34.5	57.5	256	3	US-08-425-876-4
45	34.5	57.5	256	4	US-08-426-243-4

ALIGNMENTS

RESULT 1

US-09-040-725A-1

: Sequence 1, Application US/09040725A

: Patent No. 6399584

: GENERAL INFORMATION:

: APPLICANT: Institut Curie

: APPLICANT: CNRS

: APPLICANT: A. Ellis, Modique

: APPLICANT: Crepaldi, Tiziana

: APPLICANT: Gauthreau, Alexis

: APPLICANT: Levard, Daniel

: TITLE OF INVENTION: Pharmacological composition containing ezrin mutated

: FILE REFERENCE: 391082000100

: CURRENT APPLICATION NUMBER: US/09/040,725A

: CURRENT FILING DATE: 1998-03-18

: NUMBER OF SEQ ID NOS: 4

: SOFTWARE: PatentIn Ver. 2.1

: SEQ ID NO 1

: LENGTH: 586

: TYPE: PRT

: ORGANISM: Homo sapiens

: US-09-040-725A-1

Query Match 100.0% Score 60; DB 4; Length 586;

Best Local Similarity 100.0% Prod No. 0.0958;

Matches 12, Conservative 0, Mismatches 0, Indels 0, Gaps 0;

Q7 1 BELMLRLQDYEE 12

DB 345 BELMLRLQDYEE 356

RESULT 2

PCT-US91-00899-14

: Sequence 14, Application PCT/US9100899

: GENERAL INFORMATION:

: APPLICANT: Dow, John B.

: TITLE OF INVENTION: Method and Products For the Synthesis of

: TITLE OF INVENTION: Disaccharide Structures on Glycoproteins, Glycolipids,

: TITLE OF INVENTION: or as Free Molecules, and for the Isolation of Cloned

: TITLE OF INVENTION: Genetic Sequences That Determine These Structures

: NUMBER OF SEQUENCES: 15

: CORRESPONDENCE ADDRESS:

: ADDRESSEE: CHLON, SPIVAK, MCCLELLAND, MATHER & NEUSTADT,

: ADDRESSEE: P.O.

: STREET: 1700 Beltsford Davis Highway, Suite 400

: CITY: Arlington

: STATE: Virginia

: ZIP: 22202

? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: Patent In Release #1.0, Version #1.25
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: PCT/US91/00899
 ? FILING DATE: 19910214
 ? CLASSIFICATION: 4A5
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Lavalleye Ph.D., Jean-Paul
 ? REGISTRATION NUMBER: 31,451
 ? REFERENCE/DOCKET NUMBER: 2363-021-55 PCT
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (703)521-5940
 ? TELEFAX: (703)486-2347
 ? TELEX: 248855 OPAT UR
 ? INFORMATION FOR SEQ ID NO: 14:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 357 amino acids
 ? TYPE: AMINO ACID
 ? TOPOLOGY: linear
 ? MOLECULE TYPE: protein
 ? FRAGMENT TYPE: C-terminal
 ? PCT US91-00899-14

Query Match 65.0%; Score 39, DB 5, Length 357,
 Best Local Similarity 66.7%; Pred. No. 17;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
 ||: ||: ||||
 Db 85 EEVDLRVLDYEE 96

RESULT 3
 US 07-914-281 8
 ? Sequence 8, Application US/07914281
 ? Patent No. 5324663
 ? GENERAL INFORMATION:
 ? APPLICANT: LOWE, JOHN B.
 ? TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 ? OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
 ? TITLE OF INVENTION: GLYCOPOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 ? OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
 ? NUMBER OF SEQUENCES: 14
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ? ADDRESS: P.C.
 ? STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ? CITY: Arlington
 ? STATE: Virginia
 ? COUNTRY: U.S.A.
 ? ZIP: 22202
 ? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: Patent In Release #1.0, Version #1.25
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/07/914,281
 ? FILING DATE: 19920720
 ? CLASSIFICATION: 540
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Lavalleye, Jean-Paul M. P.
 ? REGISTRATION NUMBER: 31,451
 ? REFERENCE/DOCKET NUMBER: 2363-060-55
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (703)521-4500
 ? TELEFAX: (703)486-2347
 ? TELEX: 248855 OPAT UR
 ? INFORMATION FOR SEQ ID NO: 8:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 405 amino acids
 ? TYPE: amino acid
 ? TOPOLOGY: unknown
 ? MOLECULE TYPE: protein
 ? US-07-914-281-8

Query Match 65.0%; Score 39, DB 1, Length 405;
 Best Local Similarity 66.7%; Pred. No. 19;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
 ||: ||: ||||
 Db 136 EEVDLRVLDYEE 147

? LENGTH: 405 amino acids
 ? TYPE: AMINO ACID
 ? TOPOLOGY: unknown
 ? MOLECULE TYPE: protein
 ? US-07-914-281-8

Query Match 65.0%; Score 39, DB 1, Length 405;
 Best Local Similarity 66.7%; Pred. No. 19;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
 ||: ||: ||||
 Db 136 EEVDLRVLDYEE 147

RESULT 4
 US-08-393-246-8
 ? Sequence 8, Application US/08393246
 ? Patent No. 5595900
 ? GENERAL INFORMATION:
 ? APPLICANT: LOWE, JOHN B.
 ? TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 ? OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
 ? TITLE OF INVENTION: GLYCOPOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 ? OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
 ? NUMBER OF SEQUENCES: 14
 ? CORRESPONDENCE ADDRESS:
 ? ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 ? ADDRESS: P.C.
 ? STREET: 1755 Jefferson Davis Highway, Fourth Floor
 ? CITY: Arlington
 ? STATE: Virginia
 ? COUNTRY: U.S.A.
 ? ZIP: 22202
 ? COMPUTER READABLE FORM:
 ? MEDIUM TYPE: Floppy disk
 ? COMPUTER: IBM PC compatible
 ? OPERATING SYSTEM: PC-DOS/MS-DOS
 ? SOFTWARE: Patent In Release #1.0, Version #1.25
 ? CURRENT APPLICATION DATA:
 ? APPLICATION NUMBER: US/08/393,246
 ? FILING DATE:
 ? CLASSIFICATION: 540
 ? PRIOR APPLICATION DATA:
 ? APPLICATION NUMBER: US 08/220,433
 ? FILING DATE: 30-MAR-1994
 ? APPLICATION NUMBER: US 07/914,281
 ? FILING DATE: 20-JUL-1992
 ? ATTORNEY/AGENT INFORMATION:
 ? NAME: Lavalleye, Jean-Paul M. P.
 ? REGISTRATION NUMBER: 31,451
 ? REFERENCE/DOCKET NUMBER: 2363-060-55
 ? TELECOMMUNICATION INFORMATION:
 ? TELEPHONE: (703)521-4500
 ? TELEFAX: (703)486-2347
 ? TELEX: 248855 OPAT UR
 ? INFORMATION FOR SEQ ID NO: 8:
 ? SEQUENCE CHARACTERISTICS:
 ? LENGTH: 405 amino acids
 ? TYPE: amino acid
 ? TOPOLOGY: unknown
 ? MOLECULE TYPE: protein
 ? US-08-393-246-8

Query Match 65.0%; Score 39, DB 1, Length 405;
 Best Local Similarity 66.7%; Pred. No. 19;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 EELMLRLQDYEE 12
 ||: ||: ||||
 Db 136 EEVDLRVLDYEE 147

RESULT 5
 US-08-525-058A 8
 : Sequence 8, Application US/08525058A
 : Patent No. 5770420
 : GENERAL INFORMATION:
 : APPLICANT: LOWE, JOHN B.
 : TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 : OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
 : GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 : OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTURES
 : NUMBER OF SEQUENCES: 23
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: OHION, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C.
 : STREET: 1755 Jefferson Davis Highway, Fourth Floor
 : CITY: Arlington
 : STATE: Virginia
 : COUNTRY: U.S.A.
 : ZIP: 22202
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.25
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/525,058A
 : FILING DATE:
 : CLASSIFICATION: 435
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Lavalleye, Jean-Paul M. P.
 : REGISTRATION NUMBER: 31,451
 : REFERENCE/DOCKET NUMBER: 2363-060-55
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (703)521-4500
 : TELEFAX: (703)486-2347
 : TELEX: 248855 OPAT UR
 : INFORMATION FOR SEQ ID NO: 8:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 405 amino acids
 : TYPE: amino acid
 : TOPOLOGY: linear
 : MOLECULE TYPE: protein
 : US-08-525-058A-8

Query Match: 65.0%, Score 39, DB 1; Length 405;
 Best Local Similarity: 66.7%, Pred. No. 19;
 Matches 8; Conservative 2; Mismatches 0; Indels 0; Gaps 0.
 QY 1 BELMLRLQDYEE 12
 II: III: IIII
 DB 136 BEVDLRVLDYEE 147

RESULT 6
 US-08-483-151-4
 : Sequence 4, Application US/08483151
 : Patent No. 5858752
 : GENERAL INFORMATION:
 : APPLICANT: Seed, Brian
 : TITLE OF INVENTION: HIV/GV1 TRANSFERRASE GENES AND USES THEREOF
 : NUMBER OF SEQUENCES: 4
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Fish & Richardson P.C.
 : STREET: 225 Franklin Street
 : CITY: Boston
 : STATE: MA
 : COUNTRY: USA
 : ZIP: 02110 2804
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.30

: CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/483,151
 : FILING DATE: 07-JUN-1995
 : CLASSIFICATION: 530
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Lech, Karen F.
 : REGISTRATION NUMBER: 35,238
 : REFERENCE/DOCKET NUMBER: 60785/278001
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 617/542-5070
 : TELEFAX: 617/542-8906
 : TELEX: 200154
 : INFORMATION FOR SEQ ID NO: 4:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 405 amino acids
 : TYPE: amino acid
 : STRANDELNESS: not relevant
 : TOPOLOGY: linear
 : MOLECULE TYPE: protein
 : US-08-483-151-4

Query Match: 65.0%, Score 39; DB 2; Length 405;
 Best Local Similarity: 66.7%, Pred. No. 19;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1 BELMLRLQDYEE 12
 II: III: IIII
 DB 136 BEVDLRVLDYEE 147

RESULT 7
 US-08-696-731-8
 : Sequence 8, Application US/08696731
 : Patent No. 5955347
 : GENERAL INFORMATION:
 : APPLICANT: LOWE, JOHN B.

: TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS
 : OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,
 : GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION
 : OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU
 : NUMBER OF SEQUENCES: 14
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: OHION, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
 : ADDRESS: P.C.
 : STREET: 1755 Jefferson Davis Highway, Fourth Floor
 : CITY: Arlington
 : STATE: Virginia
 : COUNTRY: U.S.A.
 : ZIP: 22202
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.25

: CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/696,731
 : FILING DATE: 14-AUG-1996
 : CLASSIFICATION: 435
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 09/393,245
 : FILING DATE:
 : APPLICATION NUMBER: US 08/220,433
 : FILING DATE: 30-MAR-1994
 : APPLICATION NUMBER: US 07/914,281
 : FILING DATE: 20-JUL-1992
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Lavalleye, Jean-Paul M. P.
 : REGISTRATION NUMBER: 31,451
 : REFERENCE/DOCKET NUMBER: 2363-060-55
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: (703)521-4500
 : TELEFAX: (703)486-2347
 : TELEX: 248855 OPAT UR

1 INFORMATION FOR SEQ ID NO: 8:
 2 SEQUENCE CHARACTERISTICS:
 3 LENGTH: 405 amino acids
 4 TYPE: amino acid
 5 TOPOLOGY: unknown
 6 MOLECULE TYPE: protein
 7 US-08-696-731 8

Query Match 65.0% Score 39; DB 2; Length 405;
 Best Local Similarity 66.7% Pred. No. 19;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Oy 1 EELMLRIQDYEE 12
 11: 11: 1111
 Db 146 EVDLRVLDYEE 147

RESULT 8

US-09-042-531-8
 2 Sequence 8, Application US/09042501
 3 Patent No. 6268193

GENERAL INFORMATION:

APPLICANT: LOWE, JOHN B.

TITLE OF INVENTION: METHODS AND PRODUCTS FOR THE SYNTHESIS

TITLE OF INVENTION: OF OLIGOSACCHARIDE STRUCTURES ON GLYCOPROTEINS,

TITLE OF INVENTION: GLYCOLIPIDS, OR AS FREE MOLECULES, AND FOR THE ISOLATION

TITLE OF INVENTION: OF CLONED GENETIC SEQUENCES THAT DETERMINE THESE STRUCTU

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESSEE: ORLON, SPIVAK, MCCLELLAND, MATER & NEUSTADT,

ADDRESSEE: P.O.

STREET: 1755 Jefferson Davis Highway, Fourth Floor

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: pc-tos/MS DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/042,531

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/404,246

FILING DATE:

APPLICATION NUMBER: US 08/220,433

FILING DATE: 40-MAR-1994

APPLICATION NUMBER: US 07/914,281

FILING DATE: 20-JUL-1992

ATTORNEY/AGENT INFORMATION:

NAME: Lavalleye, Jean-Paul M. P.

REGISTRATION NUMBER: 31,451

REFERENCE/LOCKET NUMBER: 2363-060-55

TELECOMMUNICATION INFORMATION:

TELEPHONE: (704)521-4500

TELEFAX: (704)486-2347

TELEX: 248855 OPAL UR

INFORMATION FOR SEQ ID NO: 8:

SEQUENCE CHARACTERISTICS:

LENGTH: 405 amino acids

TYPE: amino acid

TOPOLOGY: unknown

MOLECULE TYPE: protein

US-09-042-531-8

Query Match 65.0% Score 39; DB 4; Length 405;
 Best Local Similarity 66.7% Pred. No. 19;
 Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Oy 1 EELMLRIQDYEE 12

Db 136 EVDLRVLDYEE 147
 11: 11: 1111

RESULT 9

US-09-006-428A-6

2 Sequence 6, Application US/09006428A

3 Patent No. 6444439

GENERAL INFORMATION:

APPLICANT: Jinq Li

APPLICANT: Kazuhisa Nishizawa

APPLICANT: Wenqian An

APPLICANT: Ellis L. Reinherz

TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF A

TITLE OF INVENTION: Cdc15-LIKE ADAPTOR PROTEIN (CD2BP1)

FILE REFERENCE: 1062,1020-000

CURRENT APPLICATION NUMBER: US/09/006,428A

CURRENT FILING DATE: 1998-01-13

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 6

LENGTH: 62

TYPE: PRT

ORGANISM: Homo sapiens

US-09-006-428A-6

Query Match 61.7% Score 37; DB 4; Length 62;
 Best Local Similarity 58.3% Pred. No. 6;
 Matches 7; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Oy 1 EELMLRIQDYEE 12

11: 11: 1111

Db 6 KELVLALDYQE 17

RESULT 10

US-09-006-428A-7

2 Sequence 7, Application US/09006428A

3 Patent No. 6444439

GENERAL INFORMATION:

APPLICANT: Jinq Li

APPLICANT: Kazuhisa Nishizawa

APPLICANT: Wenqian An

APPLICANT: Ellis L. Reinherz

TITLE OF INVENTION: CLONING AND CHARACTERIZATION OF A

TITLE OF INVENTION: Cdc15-LIKE ADAPTOR PROTEIN (CD2BP1)

FILE REFERENCE: 1062,1020-000

CURRENT APPLICATION NUMBER: US/09/006,428A

CURRENT FILING DATE: 1998-01-13

NUMBER OF SEQ ID NOS: 28

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 7

LENGTH: 63

TYPE: PRT

ORGANISM: Homo sapiens

US-09-006-428A-7

Query Match 61.7% Score 37; DB 4; Length 63;
 Best Local Similarity 58.3% Pred. No. 6.1;
 Matches 7; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Oy 1 EELMLRIQDYEE 12

11: 11: 1111

Db 8 KELVLALDYQE 19

RESULT 11

US-08-840-006-6

2 Sequence 6, Application US/08840006

3 Patent No. 6127520

GENERAL INFORMATION:

APPLICANT: Ueda, Ietsufumi

APPLICANT: Ozkan, ERIC D.

```

? TITLE OF INVENTION: Compositions And Methods For The
? TITLE OF INVENTION: Inhibition Of Neurotransmitter Uptake Of Synaptic Vesicles
? NUMBER OF SEQUENCES: 6
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Medlen & Carroll, LLP
? STREET: 220 Montgomery Street, Suite 2200
? CITY: San Francisco
? STATE: California
? COUNTRY: United States of America
? ZIP: 94104
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/840,006
? FILING DATE: 15-APR-1997
? CLASSIFICATION: 514
? ATTORNEY/AGENT INFORMATION:
? NAME: Carroll, Peter G.
? REGISTRATION NUMBER: 32,837
? REFERENCE/DOCKET NUMBER: UM-02786
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (415) 705-8410
? TELEFAX: (415) 397-8338
? INFORMATION FOR SEQ ID NO: 5:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1151 amino acids
? TYPE: amino acid
? STRANDEDNESS: not relevant
? TOPOLOGY: linear
? MOLECULE TYPE: peptide
US-08-840-006-6

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Query Match 61.7%, Score 37; DB 3; Length 1151;
Best Local Similarity 58.3%, Pred. No. 1, 30-02;
Matches 7; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

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QY 1 BELMLRLQDYEE 12
   :|:|:| | |:|:|
Db 944 KELVLALDYQE 955

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RESULT 12
US-08-840-006-5
? Sequence 5, Application US/08840006
? Patent No. 6127520
? GENERAL INFORMATION:
? APPLICANT: Ueda, Tetsutomi
? APPLICANT: Ozkan, Eric D.
? TITLE OF INVENTION: Compositions And Methods For The
? TITLE OF INVENTION: Inhibition Of Neurotransmitter Uptake Of Synaptic Vesicles
? NUMBER OF SEQUENCES: 6
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: Medlen & Carroll, LLP
? STREET: 220 Montgomery Street, Suite 2200
? CITY: San Francisco
? STATE: California
? COUNTRY: United States of America
? ZIP: 94104
? COMPUTER READABLE FORM:
? MEDIUM TYPE: Floppy disk
? COMPUTER: IBM PC compatible
? OPERATING SYSTEM: PC-DOS/MS-DOS
? SOFTWARE: Patent Release #1.0, Version #1.30
? CURRENT APPLICATION DATA:
? APPLICATION NUMBER: US/08/840,006
? FILING DATE: 15-APR-1997
? CLASSIFICATION: 514
? ATTORNEY/AGENT INFORMATION:
? NAME: Carroll, Peter G.
? REGISTRATION NUMBER: 32,837

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? REFERENCE/DOCKET NUMBER: UM-02786
? TELECOMMUNICATION INFORMATION:
? TELEPHONE: (415) 705-8410
? TELEFAX: (415) 397-8338
? INFORMATION FOR SEQ ID NO: 5:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 1200 amino acids
? TYPE: amino acid
? STRANDEDNESS: not relevant
? TOPOLOGY: linear
? MOLECULE TYPE: peptide
US-08-840-006-5

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Query Match 61.7%, Score 37; DB 3; Length 1200;
Best Local Similarity 58.3%, Pred. No. 1, 40-02;
Matches 7; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

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QY 1 BELMLRLQDYEE 12
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Db 969 KELVLALDYQE 980

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RESULT 13
US-08-556-419-25
? Sequence 25, Application US/08556419C
? Patent No. 6094549
? GENERAL INFORMATION:
? APPLICANT: Ross, Christopher
? APPLICANT: Li, Xiao-Jiang
? APPLICANT: Li, Shi-Hua
? APPLICANT: Sharp, Alan
? APPLICANT: Lanahan, Anthony
? APPLICANT: Worley, Paul
? APPLICANT: Snyder, Solomon
? TITLE OF INVENTION: Huntingtin-associated protein
? FILE REFERENCE: 01107, 52271
? CURRENT APPLICATION NUMBER: US/08/556, 419C
? CURRENT FILING DATE: 1995-11-09
? NUMBER OF SEQ ID NOS: 25
? SOFTWARE: FASTSEQ for Windows Version 3.0
? SEQ ID NO 25
? LENGTH: 331
? TYPE: PPT
? ORGANISM: Homo sapiens
US-08-556-419-25

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Query Match 60.0%, Score 36; DB 3; Length 331;
Best Local Similarity 63.6%, Pred. No. 53;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

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QY 1 BELMLRLQDYEE 11
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Db 119 EKVILRLQDYEE 129

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RESULT 14
US-09-380-061B-20
? Sequence 20, Application US/093800061B
? Patent No. 6265177
? GENERAL INFORMATION:
? APPLICANT: SQUIRRELL, DAVID JAMES
? APPLICANT: WHITE, PETER JOHN
? APPLICANT: LOWE, CHRISTOPHER ROBIN
? APPLICANT: MURRAY, JAMES AUGUSTUS HENRY
? TITLE OF INVENTION: ENZYME ASSAY FOR MUTANT FIREFLY LUCIFERASE
? NUMBER OF SEQUENCES: 21
? CORRESPONDENCE ADDRESS:
? ADDRESSEE: NIXON & VANDERHYE P.C.
? STREET: 1100 NORTH CLARE ROAD
? CITY: ARLINGTON
? STATE: VIRGINIA
? COUNTRY: U.S.A.
? ZIP: 22201-4714

```

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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/380,061B
FILING DATE: 25-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01026
FILING DATE: 7-APR-1998
APPLICATION NUMBER: GB 9707468.8
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: SAJOFF, B. J.
REGISTRATION NUMBER: 46,663
REFERENCE/DOCKET NUMBER: 124-725
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 547 amino acids
TYPE: amino acid
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-480-061B-20

Query Match          59.2%; Score 35.5; DB 4; Length 547;
Best Local Similarity 75.0%; Pred. No. 1,1e-02;
Matches          9; Conservative 1; Mismatches 1; Indels 1; Gaps 1;

QY      1 EELMLR-LQDYE 11
      111 11 11111
1b      270 EELFLSLQDYK 281

RESULT 15
US-09-480-061B-1b
Sequence 18, Application US/09380061B
Patent No. 6265177
GENERAL INFORMATION:
APPLICANT: SQUIRRELL, DAVID JAMES
WHITE, PETER JOHN
LOWE, CHRISTOPHER ROBIN
MURRAY, JAMES AUGUSTUS HENRY
TITLE OF INVENTION: ENZYME ASSAY FOR MUTANT FIREFLY LUCIFERASE
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANIERHYE P.C.
STREET: 1100 NORTH CLERE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/380,061B
FILING DATE: 25-Apr-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01026
FILING DATE: 7-APR-1998
APPLICATION NUMBER: GB 9707468.8
FILING DATE: 11-APR-1997
ATTORNEY/AGENT INFORMATION:
NAME: SAJOFF, B. J.

```

```

REGISTRATION NUMBER: 46,663
REFERENCE/DOCKET NUMBER: 124-725
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4000
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 548 amino acids
TYPE: amino acid
MOLECULE TYPE: protein
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-380-061B-18

Query Match          59.2%; Score 35.5; DB 4; Length 548;
Best Local Similarity 75.0%; Pred. No. 1,1e-02;
Matches          9; Conservative 1; Mismatches 1; Indels 1; Gaps 1;

QY      1 EELMLR-LQDYE 11
      111 11 11111
1b      272 EELFLRLTQDYK 283

Search completed: January 16, 2003, 16:59:13
Job time : 13.3429 secs

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